



PATENT
Attorney Docket No.: AVALUC-01500

#16A
P. Jones
03/18/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Chih-Yuan Chang

Serial No.: 09/649,265

Filed: August 28, 2000

For: **AN ADAPTIVE CELL
SCHEDULING ALGORITHM FOR
WIRELESS ASYNCHRONOUS
TRANSFER MODE (ATM)
SYSTEMS**

) Group Art Unit: 2662

) Examiner: Nguyen, Hanh

) **AMENDMENT AND RESPONSE TO
OFFICE ACTION MAILED ON
December 17, 2003**

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Technology Center 2600

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENTS

Listing of the Claims:

1. (Currently Amended) A method of integrating a scheduling algorithm in a wireless network shared by a plurality of users comprising the step of ~~utilizing an adaptive contention scheduling scheme;~~

a. generating one or more contention slots;

b. allocating a first number of contention slots according to a request and grant mode, wherein the first number is determined by a number of user access requests;

c. allocating a second number of contention slots according to a contention mode;

d. prioritizing the first number of contention slots and the second number of contention slots; and